



ADARSHA CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY

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CERTIFICATE OF CALIBRATION

Certificate Number:	ACS/JAN/21/I-66-01	ULR Number :	ULR-CC-272221000000745F
Customer Name	M/s. Nucleus Health Care Laboratory & ECG		
Address:	Opp. Govt Hospital, Irikkur PO, Kannur Dist-670593		
Date of SRF:	29-01-2021	Calibrated At:	Thermal Lab
Date of Calibration:	29-01-2021	Calibration WI No:	WI/TH/03
Next Cal Due:	28-01-2022	Date of Issue:	30-01-2021
Environmental Conditions:	Temperature: 25.13°C	Humidity:	55.5% R.H

DETAILS OF DEVICE UNDER CALIBRATION			
Nomenclature :	Digital Thermohygrometer	Serial. No:	NA
Make & Model :	HTC-8A & NA	Code/ID No :	NA
Range :	20 to 70°C & 20 to 99%RH	Resolution:	0.1°C & 1%RH
Location:	NA		

DETAILS OF STANDARD INSTRUMENT USED			
Nomenclature:	Humidity & Temperature Indicator with Sensor	Serial.No/Id.No:	P2320005 (Indicator) / P2740446 (Sensor)
Make / Model :	Vaisala & MI70 (Indicator)	Cal Due Date:	19-10-2021
Range :	Vaisala & HMP75 (Sensor)	Certificate No:	ULR-CC-287920000005381F
Nomenclature:	Portable Temperature & Humidity Generator	Serial.No/Id.No:	PTHG/0123/2018
Make / Model :	Indecon / INDEE-PHTG/001	Used As:	Source

CALIBRATION RESULTS:

Parameter: Temperature Measured @ 50%RH

Sl No	Source Set Point in °C	Standard Reading in °C	DUC Reading in °C	Error Obtained in ± °C	Expanded Measurement Uncertainty ± in °C
1	20	20.03	19.9	-0.13	0.90
2	30	30.09	29.9	-0.19	0.90
3	40	40.13	39.9	-0.23	0.90
4	50	50.15	49.8	-0.35	0.90
5	58	58.26	57.8	-0.46	0.90

Parameter: Humidity Measured @ 25°C

Sl No	Source Set Point in %RH	Standard Reading in %RH	DUC Reading in %RH	Error Obtained in ± %RH	Expanded Measurement Uncertainty ± in %RH
1	20	20.37	20	-0.37	1.50
2	40	40.64	40	-0.64	1.50
3	60	60.75	60	-0.75	1.50
4	80	80.91	80	-0.91	1.50
5	90	90.15	89	-1.15	1.50
6	95	95.28	94	-1.28	1.50

REMARKS & CONCLUSION:

- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k = 2.00.
- Next calibration due date mentioned as per customer requirement
- Calibration Instrument Received Through "M/s.Medical Engineering & Services"

Calibrated By

 Bindhu A
 Calibration Engineer



Authorised Signatory

 Manjunath I
 Technical Manager